

ABSTRACT

In a leakage testing apparatus in which a seal ring is mounted in a ring-shaped recessed groove formed in a pressure-contact surface of a seal jig, the peripheral portion of the opening of an article being tested is brought into pressure-contact with the seal ring to seal the opening, and in this sealed state, air pressure is applied to the article being tested to determine the presence or absence of leakage by measuring whether or not the air pressure is maintained for a predetermined period of time, the seal ring has a rounded-corner rectangular shape in cross-section and is configured to be mounted in the pressure-contact surface of the seal jig such that its major axis is oriented in the direction of the compressive force being applied and to be compressively deformed in the direction of the major axis to provide a sealing effect, and stoppers formed of a low thermal conductivity resin are disposed on the pressure-contact surface so that the seal ring may be compressively deformed until the article being tested comes into abutment with the stoppers to thereby an adequate sealing effect, whereby testing may be conducted without bringing the article being tested into contact with the seal jig.